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ABSTRACT

This study investigated factors responsible for the consistently low numbers of black students applying to the College of Dental Medicine of South Carolina. The project was structured to obtain feedback from two entities at the undergraduate level: the pre-health advisors (Phase I); and black students (Phase II). Thirty-four responses were received out of 53 surveys sent to pre-health advisors, and 54 student surveys were received from 585 surveys sent. Among the factors that were determined to be affecting black student enrollment were: (1) no previous information about the dental profession; (2) a minimal number of pre-health/pre-dental clubs available to students; (3) minimal participation by students in summer enrichment programs; (4) minimal dental career promotional activities available to students; and (5) few dental career role models in family backgrounds. Based on these results, three recommendations are offered: (1) to establish a new Dental Practitioner Network to provide resource persons for pre-health advisors and students; (2) to identify and cultivate advisors to increase the promotion of the dental profession on their campuses; and (3) to improve efforts by pre-health advisors in identifying black students interested in dentistry. Contains attachments of study documents and charts. (GLR)

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A SURVEY OF PRE-HEALTH ADVISORS AND BLACK STUDENTS IN SOUTH CAROLINA

FACTORS AFFECTING THE DECREASING NUMBER OF SOUTH CAROLINA APPLICANTS TO THE DENTAL PROFESSION

PURPOSE OF THE PROJECT

There has been a consistently small number of black students from South Carolina applying to our College of Dental Medicine since the college's first class in 1967. Moreover, the number of black students enrolled in Dental Medicine has been marginal, with a subsequent low number of graduates-22 since 1974's first graduating class.

Our project's primary goal was to delineate factors or causes for the low number of black SC students applying to the College of Dental Medicine in order to more effectively recruit for and promote dentistry among the black student population. A secondary objective was to assess the number of students responding who chose Dentistry as a career goal, in hopes of identifying a pool of students for future admission to the College of Dental Medicine.

Our project was structured to obtain feedback from two entities at the undergraduate level: 1) Pre-health advisors (Phase I); and 2) Black students enrolled in science curricula (Phase II). Pre-health advisors are in a strategic position to directly impact health career preparation and goals, while students themselves are the unequivocal keys to ascertaining motivations toward a specific career.

CONDUCT OF THE PROJECT

PHASE I - We began Phase I by refining existing pre-health rosters previously used for student recruitment activities. Our refined list consisted of at least one advisor per accredited college in the State and included 53 advisors representing 51

colleges. We utilized a list provided by the State Department of Education which assisted in determining accredited colleges in the state and identified the type of college, i.e., Public Senior, Two-Year Regional, Technical, Private Senior and Private Junior.

A Pre-Health Advisor Survey was designed consisting of 24 questions seeking information about the advisor, students advised, students interested in dentistry, activities promoting dentistry on their campus, students from their college who have attended summer enrichment programs, students who have applied to dental school and students who have been accepted into a dental school. Additionally, we asked for the names and addresses of all black students majoring in science, i.e., Biology, Chemistry or Physics, who were enrolled at their institution. This information was vital to Phase II of our project which would solicit information from students.

The Pre-Health Advisor Survey, accompanied by a cover letter explaining our project, was sent in early January, 1989 (see Attachments 1 and 2 for cover letter and survey). When we received a response from an advisor, we sent an acknowledgement letter (see Attachment 3) and prior to our response deadline of January 30, we sent a reminder letter to advisors who had not responded (see Attachment 4). We also contacted advisors by telephone to assure that as many colleges as possible had an opportunity to participate in our project and to assure that we would have a representative student sample for Phase II. Pre-Health Advisor Surveys were received until the end of February.

PHASE II - As we received advisor responses, we finalized our Student Survey for Phase II of our project. This survey requested basic information about the student, i.e., name, address, college, classification, and GPA. Our Student Survey asked questions concerning their major, career choices, family background, pre-health activities and reasons for choosing or not choosing dentistry as a career goal. We also solicited unstructured feedback by allowing space for general comments. We prepared a specifically worded cover letter explaining the rationale and objectives of our project the results of which were expected to increase the anticipated response (see Attachments 5 and 6 for cover letter and survey). Student

Surveys were sent out during March and April. Along with the cover letter and survey, we enclosed a pre-addressed postage paid return envelope and a College of Dental Medicine Brochure. As students responded, we identified those students requesting more information about dentistry. We sent each of these students an MUSC Catalog and invited them to our Fall '89 Open House (see Attachment 7). Student Surveys were received during May and June. In early June, we responded to pre-health advisors requesting more information by sending them multiple copies of dental career preparation and admission materials. This packet included a cover letter, Dental Medicine Brochures, AADSAS Pamphlets describing the application process, Dental Admissions Testing (DAT) Booklets, Student Financial Aid Guides and fact sheets outlining current trends and statistics relating to the dental profession (see Attachment 8).

PRE-HEALTH ADVISOR SURVEY RESULTS

We received 34 survey responses from advisors out of a total of 53 surveys sent initially, indicating a **64% response rate.** Advisors who responded represented 31 colleges throughout South Carolina (see Attachment 9 for listing of colleges represented). The majority of advisors were on the faculty of biology departments, with advisors averaging 11 years in their present positions. The largest number of advisors represented Private Senior and Technical Colleges (10 in each category), indicating that **62.5%** of the State's Senior Private and Technical colleges were represented in our survey. (There are 21 senior private and 16 technical colleges in SC. Reference: State Dept. of Education's "Fall Enrollment Report", Integrated Post Secondary Education Data Survey). Moreover, **60%** of the State's 2-year regional colleges (3 of 5) and **58.3%** of the public senior colleges (7 of 12) were represented in our survey. Private junior colleges were the least represented , having a **10%** (1 of 10) representation. Conversely, **32%** of the advisors were from Private Senior and Technical Colleges, while **23%** came from Public Senior Institutions, **10%** from 2-Year Regional Colleges and **3%** from Private Junior Colleges (see Attachment 10 for the types of colleges represented by advisors).

Seventeen 17 of the 34 (**50%**) advisors submitted the names and addresses of approximately 600 black science majors. Fourteen (14) advisors indicated they advised a total of **418** black science

majors. Of these 418 students, only 32 or 8% were presently interested in dentistry. Over the last three year period, advisors said they had advised a total of only 67 students who had chosen Dentistry as a career goal.

Of further interest to us was how the dental profession was being promoted on various campuses throughout the State. Our study noted that 25 of 34 respondents indicated they did provide information about dentistry to their advisees. However, only 9 of 34 advisors said that there were dental career activities on their campuses. Most significant was the fact that there were only (4) advisors who said they had Pre-Health Clubs on their respective campuses. One additional advisor did indicate that there was a Dental Assisting Club, although no advisors indicated that there was a Pre-Dental Club on his/her campus. Pre-Health Clubs, in general, serve the very important purpose of exposing students to the preparation requirements and realities associated with various health careers. We were alarmed, therefore, to learn that, according to our advisor respondents, there were only five (5) Pre-Health Clubs among the 31 colleges represented by advisors and equally concerned that none of these Pre-Health Clubs were specifically focused on Dental Medicine.

We were also interested in whether or not advisors were aware of black science majors on their campus who had attended or were attending structured summer enrichment programs in that such programs have been proven to significantly influence career goals of students interested in health careers. Of the 34 advisors who responded, 13 or 38% indicated they had known students from their college to attend such a program. Of these 13 advisors, 12 indicated that students had attended MUSC's summer enrichment program. Other programs mentioned by more than one of the advisors included the program at Harvard, the Medical College of Georgia, Fisk University, UNC-Chapel Hill and Tulane.

Our survey queried advisors about black students from their college who had applied to and had been accepted into a dental school. Regarding those who had applied, only 9 of the 30 advisors who answered this question said students from their college had applied. These 9 advisors responded that a total of 18 students from their college had applied to dental school.

These advisors represented the following colleges: Benedict, Columbia, Francis Marion, Furman, Newberry, SC State, Trident Technical, USC-Coastal and Voorhees.

Regarding acceptance to dental school, 7 advisors responded that they knew of students from their college who had been accepted, with these advisors indicating a total of 8 students gaining acceptance. Of these 8 students, advisors indicated that **MUSC** had accepted **4, Howard** had accepted **3** and **Georgetown** had accepted **1**. The 7 advisors responding represented the following colleges: Benedict, Columbia, Francis Marion, Furman, SC State, USC-Coastal and Voorhees.

Although advisors indicated a small number of students whom they knew had attended Dental School, there are frequent occasions when students decide to enter Dental School, after working in a different career. As an undergraduate, the student may have majored in a non-science area, ie., education, engineering, or the arts, and if so, would not have interacted with a Pre-Health Advisor. Our admissions data for the last several years shows that we have had several Black students who were in this second-career category. Further, our data indicates a high number of students, overall, in this category.

In an effort to evaluate our information dissemination activities, we asked advisors if they had received an adequate supply of information for black students from our College of Dental Medicine. Seventeen (17) of the 31 or 54.7% of the advisors who responded said they had received sufficient information. Ten (10) answered negatively, 2 felt it was inappropriate for their particular college and 5 did not respond. Along with this, we wanted to know what specific services or information they wanted us to provide. A total of 14 advisors indicated a need for more information. Information fell into four categories: a) General (MUSC) Information b) Summer Enrichment Program Information c) Financial Aid/Scholarship Information and d) Dental Medicine/Dental Career Information.

Our final survey question asked for names and addresses of black science majors. As mentioned previously, 50% of the advisors provided information for approximately 600 students. When our survey was developed, we did not anticipate difficulties associated with this request. However, some

advisors experienced problems accessing this information generally, either with identifying science majors or with identifying black students, unless they knew them personally. It was also significant that two advisors indicated they had no black students who were science majors.

STUDENT SURVEY RESULTS

Profile of Respondents

We received 54 Student Survey responses out of a total of 585 (15 surveys were returned because of insufficient addresses), indicating a low response rate of 9%. Forty-eight (48) or 89% of our respondents were SC residents, with 30 residing in rural areas and 18 in urban areas. Thirty-six (36) respondents were native-born South Carolinians, with primary birthplaces in the Charleston or Orangeburg areas. Respondents were enrolled at 12 colleges throughout the State and included the following:

Benedict	Newberry
College of Charleston	Orangeburg-Calhoun Technical
Columbia	Presbyterian
Erskine	SC State
Florence-Darlington Tech.	Voorhees
Francis Marion	Winthrop

Twenty-five (25) or 46% of the respondents were enrolled at public senior colleges, 15 or 28% at private senior colleges and 14 or 26% at technical colleges (see Attachment 11).

The academic classifications of students who responded were evenly distributed, with the largest number in the freshman category. Following is a classification breakdown:

Classification	# of Respondents	% of Respondents
Freshman	15	32
Sophomore	11	23
Junior	10	21
Senior	11	23
	TOTAL # 47	

note: seven (7) students did not answer the question.

The average GPA of the 40 students who provided this information was 2.9, with 6 having GPA's of 3.5 or above; 20 having GPA's of 3.0 or above and 32 having GPA's of 2.5 or above.

All respondents, except one, were majoring in a science or health related field with 22 or 41% of the students majoring in Biology and the remaining majoring in Allied Health, Nursing, Pre-Med, Chemistry, Biochemistry, Physics and Pre-Dental. A complete breakdown is shown in Attachment 12.

Dental Career Information

The career choices of the 54 student respondents were of utmost importance to our survey. Twenty-seven percent (27%) of the respondents chose Medicine, while 23.5% chose Allied Health and Nursing, respectively. It is interesting to note that only 10% of the respondents chose Dentistry (see Attachment 13).

Our project also sought information about family backgrounds of students in order to delineate any factors influencing career choices. Fifty-two percent (52%) of the respondents had health professionals in their families. A surprising fact was that 75% (21 of 28) of the respondents had Nurses in their family backgrounds with 18% (5 students of 28) having Dentists in their families. It was interesting to note that only 1 of the 5 students having a Dentist in their family actually indicated Dentistry as a career choice (see Attachment 14).

By the same token, of those 28 students with health professionals in their families, 10 chose Medicine as their career choice, 7 chose Nursing, 5 chose Allied Health, 4 chose Dentistry, and 1 each chose Pharmacy and a Non-Health career (see Attachment 15). To analyze the career choice issue even further, only 1 of the students indicating Dentistry had a Dentist in the family (2 had a Nurse and 1 had an MD). Of the 10 students who chose Medicine, none had an MD in the family (2 had Dentists and 8 had Nurses). Of the 7 choosing Nursing as a career goal, 5 had Nurses in their families, 1 had a Dentist and 1 had a Lab Technician. The 5 students choosing an Allied Health profession all had Nurses in their families.

There were 26 or 48% of the respondents indicating that they had no health professionals in their families. Of these 26, 7 chose an Allied Health career; 5 chose Nursing; 4 chose Medicine; 2 chose Pharmacy and only 1 chose Dentistry. Four (4) of the remaining students were undecided about a career choice and 3 chose non-health careers.

As stated previously, Pre-Health Clubs provide invaluable academic reinforcement to prospective health career students. We were, therefore, interested in the level of participation by respondents. Thirty-one (31) or 57% of the students indicated that they did not participate in a Pre-Health Club on their campus, while 18 or 33% said they did participate. Three (3) students indicated that there were no Pre-Health Clubs on their campuses and 2 did not answer the question.

Summer enrichment programs, like Pre-Health Clubs, provide an introduction to the preparation required for becoming a health professional. We were most interested in the extent respondents were participating in them. We found that 28 or 54% had no plans to participate in a program of this type, while 17 or 33% did plan to participate. Two (2) of the respondents had already participated in a summer enrichment program, while 3 said they did not know of any such programs. Even though 17 students had plans to participate in a summer enrichment program, only 9 actually specified a particular program by name.

Our student survey also asked about the frequency of visits to pre-health advisors. Fifty-two (52) of 54 students responded to this question, with 33 or 63% indicating that they did visit their advisors regularly. Eighteen (18) or 34% said they did not visit on a regular basis. The largest number of respondents (10) visited their advisors once-a-week and twice-a-month (10), with some visiting on a daily basis. Following is a breakdown of responses:

Frequency of visits to Pre-Health Advisors	# of Student Resp.
Every 6 months	2
Every Semester	1
Monthly	4

Twice-a-Month	10
Once-a-Week	10
Twice-a-Week	1
Three Times a Week	2
Daily	3
TOTAL # OF RESPONDENTS:	33

In conjunction with this question, we asked why respondents did not visit their advisor regularly. As expected, responses were varied. However, the largest number of students said that "they were too busy with classes and other activities", while the second highest number of students said that they had " no particular reason". Other reasons given by more than one student included: "hard to catch up with advisor"; "never thought it was important"; and "never had a reason to".

Significant to our survey was whether or not students received information about Dentistry. Our survey responses showed that an **alarming 74%** or 40 of the students had not received any information about the profession, with 26% or 14 of the students stating they had received information. As a follow-up to this question, we asked if students wanted to receive dental career information. 39 or 72% said that they did, 13 or 24% did not wish to receive information and 2 students did not answer the question.

OUR SURVEY ASKED AN IMPORTANT QUESTION REGARDING THE FACTORS INFLUENCING THE STUDENTS' DECISION TO CHOOSE DENTISTRY. NINETEEN (19) students answered this question, even though only 5 students had indicated Dentistry as their career choice in one of our first survey questions. The reasons given by these 19 students showed that 16 or 84% had exposure to the Dental profession. More specifically, 10 had experienced direct exposure either through participation in a summer enrichment program, volunteer work in a health facility, interaction with a Dentist or a visit to the MUSC campus. Three (3) students even said that our survey itself had caused them to consider Dentistry, while 3 had explored a variety of health careers in general. The remaining 3 students indicated a strong desire to "help others".

Conversely, we asked students to provide reasons why they were not interested in Dentistry. While only 16 students

responded to this question, all indicated by their response either **a misconception about the profession** or **a lack of exposure** to it. Most frequent responses were: "Dentistry is not in great demand"; "no need for Dentistry in my area"; "never been exposed to it in school"; "Dentistry is not popular at my college"; "I don't have a high enough GPA" (student had a 3.0 in science & math).

Our final survey question simply allowed space for student comments. We regarded it, however, as an opportunity to receive important supplemental information to the specific survey questions previously asked. Thirty (30) students responded with comments. Ten (10) discussed future career plans and 9 requested more information about MUSC curricula. Four (4) students said they had never before considered Dentistry; 3 thanked us for including them in our survey; 2 expressed misconceptions about the profession by saying that Dentistry "did not pay well" and 2 students indicated that "the black community needed more exposure to Dentistry". Following are a few responses from students:

"I have never considered Dentistry as a career. This is not because I'm not interested. It's just that the Pre-Health Club meetings did not discuss Dentistry." - **Student from Mullins**

"I was always well-informed about Medicine, but I did not have access to information about Dentistry. Therefore, I leaned more towards Medicine..."- **Student from Sumter**

"...I have always wanted to go into a health profession; this survey really helped me think more seriously about a career in health... I really appreciate your concern for minority students..."- **Student from Allendale**

"Many minorities are not exposed to Dentistry other than when they go for emergencies...there is a need for more exposure."- **Student from Orangeburg**

"...It is gratifying to know that MUSC is taking the initial step to find out the interests of black students in science..."- **Student from Charleston**

"I'd like to learn about Dentistry because we need more Dentists in South Carolina... I know plenty of people who do not go to a Dentist because of distance...Most people in this little town do not have a Dentist here-they have to go other places..."- **Student from Lynchburg**

"This field is not as publicized as the field of Medicine in the Black Community."- **Student from Huntsville, Alabama**

"Thank you for including me in your survey and I can't wait to receive the results."- **Student from Orangeburg**

PROJECT SUMMARY - FACTORS AFFECTING THE DECREASING NUMBER OF BLACK STUDENTS IN SOUTH CAROLINA APPLYING TO THE DENTAL PROFESSION

As a result of survey responses from pre-health advisors and students, our project concludes that the primary reason there are so few black students applying to the dental profession is: "A LACK OF EXPOSURE TO THE PROFESSION". Contributing to this conclusion are several factors that are strongly linked to this exposure deficit. These factors are as follows:

1) NO PREVIOUS INFORMATION ABOUT THE PROFESSION

74% of our student respondents indicated they had received no information about Dentistry. This fact is supported by the outpouring of requests for more information about the profession and by students indicating that our survey had caused them to consider Dentistry as a possible career. Additionally, this fact is further supported by responses from 32% of the advisors who stipulated they had received insufficient information about Dentistry from our College of Dental Medicine.

2) A MINIMAL NUMBER OF PRE-HEALTH/PRE-DENTAL CLUBS AVAILABLE TO STUDENTS

Representatives from only four undergraduate institutions indicated the existence of Pre-Health Clubs on their campuses. However, no advisor indicated the existence of Pre-Dental Clubs. Further, approximately 60% of our student respondents indicated no participation in Pre-Health Clubs of any kind.

3) MINIMAL PARTICIPATION BY STUDENTS IN SUMMER ENRICHMENT PROGRAMS

Only 38% of the advisors responding said they knew of students from their colleges who participated in a structured summer enrichment program. Among these advisors, however, all but one indicated they were cognizant of students from their

college who had attended MUSC's summer enrichment program. Additionally, approximately 54% of the students responding indicated they had no plans to participate in enrichment programs. The remaining students indicated they were unaware of any enrichment program offered.

4) MINIMAL DENTAL CAREER PROMOTIONAL ACTIVITIES AVAILABLE TO STUDENTS

Approximately 74% of the advisors who responded said there were no special activities on their campuses devoted to Dentistry. The remaining 26% responded positively to the existence of some type of career orientation activity.

5) FEW DENTAL CAREER ROLE MODELS IN FAMILY BACKGROUNDS

Of the students with health professionals in their families, only 18% had Dentists in their families (75% had Nurses; 7% had other health professionals in their families).

PROJECT RECOMMENDATIONS

Our project was a concerted effort to assess why so few black students in South Carolina have been applying to our College of Dental Medicine. The responses provided by pre-health advisors and black science majors indicate that students are not being sufficiently exposed to career opportunities associated with the practice of Dentistry. As the only Dental School in the State, we acknowledge that we must be the primary motivator for and promoter of the Dental Profession in South Carolina. We, therefore, must accept responsibility for the exposure deficit among black students. We also recognize that colleges in South Carolina must also be responsive to the needs of students by providing opportunities for students to explore career options. Furthermore, students themselves must also accept responsibility for assessing their academic potentials and for exploring possible careers, in hopes of synchronizing a successful career/educational pathway.

We are recommending, therefore, that our College of Dental Medicine, along with colleges in the State, work together to develop an intense statewide Dental Career Promotion Program. This program will encompass the following:

1) Establishment of new a Dental Practitioner Network consisting of Dentists who will be identified in the vicinity of each college in the State to serve as resource persons for pre-health advisors and students. These Dentists will visit campuses, and provide career information and role modeling support to prospective students interested in Dentistry. The Office of Admissions and Student Affairs, College of Dental Medicine, will coordinate this network and will make a special effort to identify black Dentists where possible.

2) An increased effort by the College of Dental Medicine to identify and cultivate advisors at every college in the State who will promote the Dental profession on their campuses. The Office of Admissions and Student Affairs will provide these advisors with up-to-date Dental

career information and will be available to visit colleges on a regular basis.

3) Improved efforts by Pre-Health Advisors to identify black students interested in Dentistry, to establish Pre-Health/Pre-Dental Clubs on their campuses and to provide Dental career information to students.

COLLEGE OF DENTAL MEDICINE
Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 1

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

January 1, 1989

Dear Pre-Health Advisor:

We are proud to announce that our College of Dental Medicine has recently been designated as one of the first recipients of a grant from the Governing Board of the Center for the Study of the Black Experience in Higher Education. Our grant will seek to identify factors affecting the decreasing number of South Carolina applicants to the dental profession and will solicit information from black science majors and pre-health advisors at colleges throughout South Carolina.

Our interest in this subject stems from the small number of black South Carolina applicants we have had over the years to our College of Dental Medicine. We are concerned about knowing the reasons for our low number of applicants so our future student recruitment and preparation efforts can be designed to address these factors.

We have attached a Pre-Health Advisor Survey and are asking you to complete and return it to us no later than January 30, 1989. Your attention is called to the final survey question asking for the names and addresses of all black science majors (Biology, Chemistry and Physics) at your institution. This information is vital to the second phase of our project where we solicit information from students. At the conclusion of our project, we will publish an evaluation of our results and will distribute this publication to advisors and students who participated in our survey as well as to members of our Admissions Committee.

We thank you in advance for your generous assistance and look forward to your reply. Please call us at any time if you have questions or concerns.

Sincerely,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

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FITZHUGH N. HAMRICK, D.M.D
College of Dental Medicine
Charleston, South Carolina 29425
(803) 792-8617

ATTACHMENT 2

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2600

PRE-HEALTH ADVISOR SURVEY

DATE_____

1. NAME_____ 2.COLLEGE_____
3. CAMPUS ADDRESS_____
4. CAMPUS TELEPHONE #_____ 5. POSITION_____
6. NUMBER OF YEARS IN PRESENT POSITION_____
7. NUMBER OF BLACK SCIENCE MAJORS YOU ADVISE_____
8. NUMBER INTERESTED IN DENTISTRY_____
9. NUMBER OF BLACK STUDENTS YOU HAVE ADVISED IN THE LAST THREE YEARS WHO WERE INTERESTED IN DENTISTRY_____
10. DO YOU PROVIDE DENTAL CAREER INFORMATION TO YOUR ADVISEES?_____
11. ARE THERE ANY SPECIAL DENTAL CAREER ACTIVITIES ON YOUR CAMPUS?_____
12. IF SO, PLEASE DESCRIBE_____
13. IS THERE A PRE-DENTAL CLUB ON YOUR CAMPUS?_____
14. IF SO, PLEASE PROVIDE THE NAME AND ADDRESS OF ITS ADVISOR_____
15. HAVE ANY OF YOUR BLACK SCIENCE MAJORS EVER PARTICIPATED IN A SUMMER HEALTH CAREER ENRICHMENT PROGRAM?_____
16. IF SO, PLEASE INDICATE WHICH PROGRAM AND ITS LOCATION_____
17. HAVE ANY BLACK STUDENTS FROM YOUR COLLEGE APPLIED TO DENTAL SCHOOL?_____
18. IF SO, PLEASE INDICATE APPROXIMATELY HOW MANY_____

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PRE HEALTH ADVISOR SURVEY - CONTINUED

19. DO YOU KNOW ANY BLACK STUDENTS FROM YOUR INSTITUTION WHO HAVE APPLIED TO DENTAL SCHOOL?_____ IF SO, PLEASE INDICATE HOW MANY_____

20. DO YOU KNOW ANY BLACK STUDENTS FROM YOUR INSTITUTION WHO HAVE BEEN ACCEPTED TO DENTAL SCHOOL?_____

21. IF SO, PLEASE PROVIDE THEIR NAMES AND WHICH DENTAL SCHOOLS ACCEPTED THEM

_____

_____

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_____

22. HAVE YOU BEEN ADEQUATELY SUPPLIED WITH INFORMATION FOR BLACK STUDENTS FROM OUR COLLEGE OF DENTAL MEDICINE?_____

23. IF NOT, WHAT INFORMATION/SERVICES WOULD YOU LIKE US TO PROVIDE?_____

_____

_____

_____

_____

24. PLEASE LIST THE NAMES AND ADDRESSES OF ALL BLACK SCIENCE MAJORS ENROLLED AT YOUR INSTITUTION. USE ADDITIONAL SHEETS IF NECESSARY_____

_____

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COLLEGE OF DENTAL MEDICINE
Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 3

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

Dear Pre-Health Advisor:

We have received your completed survey and sincerely appreciate your prompt response to our request. Thus far, the surveys have yielded valuable information which we will be able to utilize for our admissions, recruitment and student preparation activities.

You will hear from us again after our project concludes on June 30, 1989. Thank you for your cooperation and participation in our survey.

With best regards,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

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Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 4

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

January 27, 1989

Dear Pre-Health Advisor:

As a follow-up to your letter dated January 1, 1989, we would appreciate your completing the enclosed Pre-Health Advisor Survey for our project entitled "A Survey of Pre-Health Advisors and Black Students in South Carolina - Factors Affecting the Decreasing Number of South Carolina Applicants to the Dental Profession". We will complete Phase I of our project on 1/30/89 and will utilize the information we receive for Phase II, which will solicit information from black science majors. We are most interested in having your institution included in our final published results and look forward to hearing from you.

With best regards,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

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Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 5

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

Dear Student:

In January, we were proud to initiate Phase I of a grant from the Center for the Study of the Black Experience in Higher Education. Our grant seeks to determine reasons for the small number of black students in South Carolina choosing Dentistry as a career. In Phase I, we sent questionnaires to Pre-Health Advisors throughout South Carolina to obtain feedback regarding activities on their campus to promote Dentistry. In addition to this information, we requested the names of science majors enrolled at their institution. Your name was submitted to us for inclusion in Phase II of our project. Phase II will seek information about you, about your career decisions and about your perception of the Dental profession.

We have enclosed a Student Survey which we hope you will take the time to complete and return to us no later than March 31. We have also enclosed a postage-paid return envelope for your convenience.

At the conclusion of our project on June 30, 1989, we will publish our results, along with recommendations, and will send all Survey participants a copy of our final report.

We hope to receive your completed Survey and thank you in advance for your cooperation.

With Best Regards,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

Enclosures
Student Survey
Return Envelope
College of Dental Medicine Brochure

"An equal opportunity employer"

FITZHUGH N. HAMRICK, D.M.D.
College of Dental Medicine
Charleston, South Carolina 29425
(803) 792-8617

ATTACHMENT 6

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2600

STUDENT SURVEY

DATE_____

1. NAME_____ 2. COLLEGE_____

3. CAMPUS ADDRESS_____

4. PERMANENT ADDRESS_____

5. CAMPUS TELEPHONE_____ 6. CLASSIFICATION_____

7. MAJOR_____ 8. MINOR_____ 9. GPA_____

10. PRESENT CAREER CHOICE_____

11. IF UNDECIDED, PLEASE LIST THE CAREERS YOU ARE CONSIDERING_____

_____

12. ARE THERE ANY HEALTH PROFESSIONALS IN YOUR FAMILY?_____

13. IF SO, PLEASE LIST THE HEALTH CAREERS THEY REPRESENT AND HOW THEY ARE RELATED TO YOU_____

_____

14. IF THERE IS A DENTIST IN YOUR FAMILY, PLEASE INDICATE IF THIS PERSON RECEIVED HIS/HER COLLEGE EDUCATION IN SOUTH CAROLINA_____

15. IF SO, PLEASE INDICATE THE COLLEGE_____

16. WHAT IS YOUR PLACE OF BIRTH?_____

17. DO YOU PARTICIPATE IN THE PRE-HEALTH CLUB ON YOUR CAMPUS?_____

18. DO YOU PLAN TO PARTICIPATE IN A SUMMER HEALTH CAREER ENRICHMENT PROGRAM?_____ 19. IF SO, PLEASE INDICATE ITS NAME AND WHICH COLLEGE WILL BE SPONSORING IT_____

ATTACHMENT 6

STUDENT SURVEY - CONTINUED

19. DO YOU VISIT YOUR PRE-HEALTH/FACULTY ADVISOR REGULARLY?_____

20. IF SO, HOW OFTEN?_____

21. IF NOT, WHY NOT?_____

_____

22. HAVE YOU RECEIVED INFORMATION ABOUT DENTISTRY AS A CAREER?_____

23. WOULD YOU LIKE TO RECEIVE ADDITIONAL INFORMATION?_____

24. IF YOU ARE INTERESTED IN DENTISTRY AS A CAREER, WHAT CAUSED YOU TO MAKE THIS CHOICE?_____

_____

_____

25. IF YOU ARE NOT INTERESTED IN DENTISTRY AS A CAREER, PLEASE EXPLAIN WHY _____

_____

_____

26. ADDITIONAL COMMENTS:_____

_____

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COLLEGE OF DENTAL MEDICINE
Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 7

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

Dear Student:

As a result of your response to our Survey and your request for additional information about the Medical University of South Carolina and/or Dental Medicine, we have forwarded to you, under separate cover, an MUSC Catalog. You will find information about Dental Medicine application procedures, entrance requirements and curriculum on pages 37 - 53. Please contact us at any time should you need clarification or assistance to prepare for entry into our University.

In Fall 1989, the Office of the Registrar and Admissions will be conducting an Open House for students and will be sending announcements to your campus. Our Open House will give you a comprehensive introduction to our campus, our students and to our faculty. We hope you will be able to attend and look forward to meeting you personally to discuss your career interests.

Sincerely,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

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BEST COPY AVAILABLE

COLLEGE OF DENTAL MEDICINE
Office of Admissions and
Student Affairs
(803) 792-2344

ATTACHMENT 8

MEDICAL UNIVERSITY OF SOUTH CAROLINA
171 Ashley Avenue
Charleston, South Carolina 29425-2601

Dear Pre-Health Advisor:

In your survey response to us, you indicated a need to receive more information about Dentistry for the science majors at your institution. We have enclosed a variety of informative brochures and pamphlets which we hope will be helpful to you and to your advisees. Included are the following:

a) MUSC College of Dental Medicine Brochures

b) AADSAS Pamphlet

c) Dental Admission Testing Program Booklet

d) Student Financial Aid Guide

e) A Copy of an Article Giving National Dental Profession Statistics

We have also sent you under separate cover an MUSC Catalog. If you have any questions or need additional information for your students, please feel free to contact us at any time.

With Best Regards,

Fitzhugh N. Hamrick, D.M.D.
Project Director

Wilma Sykes Brown
Assistant Project Director

Enclosures

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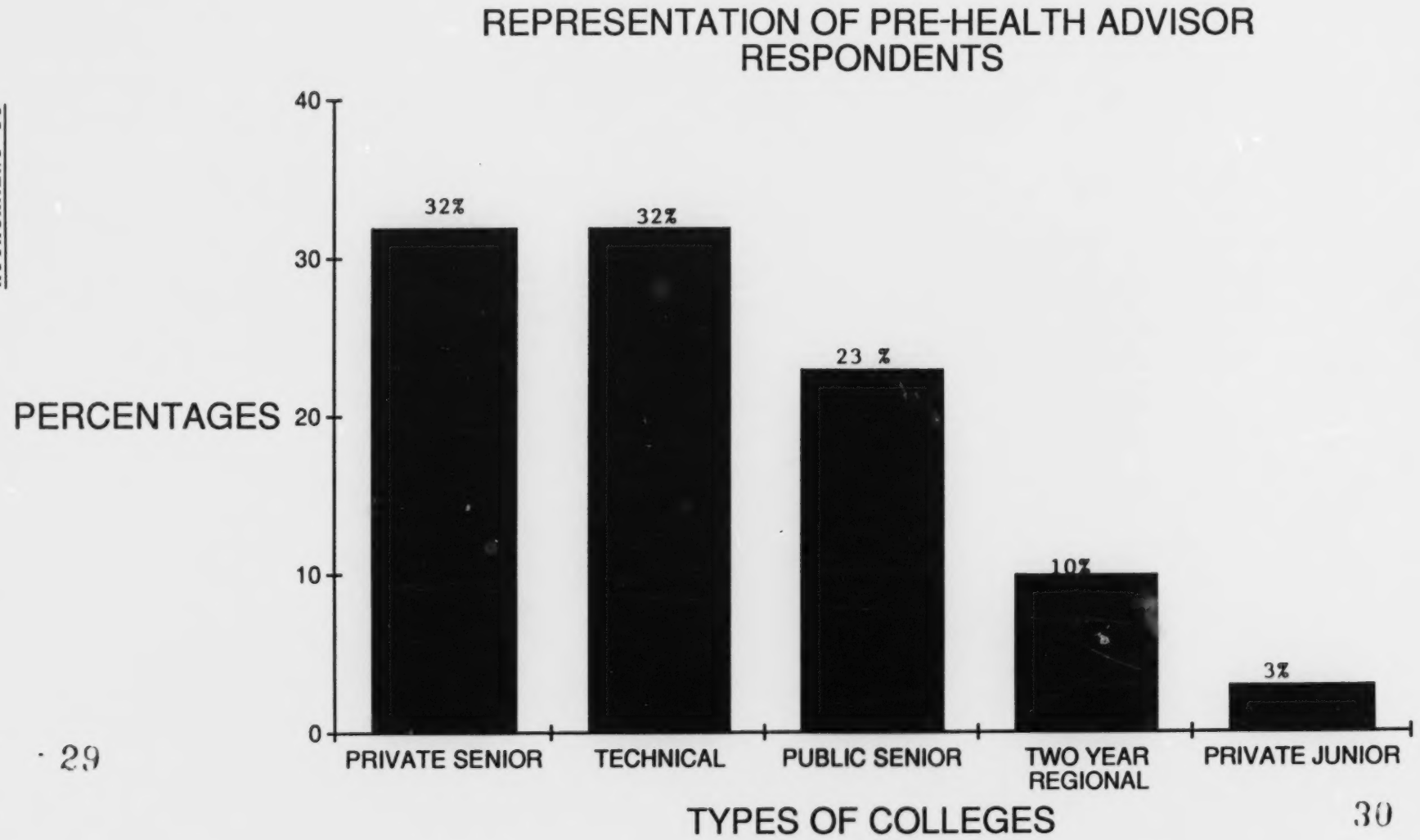
COLLEGES REPRESENTED BY PRE-HEALTH ADVISORS

1. ANDERSON COLLEGE
   Anderson, SC 29621
2. BAPTIST COLLEGE
   Charleston, SC 29411
3. BEAUFORT-TECHNICAL COLLEGE
   Beaufort, SC 29902
4. BENEDICT COLLEGE
   Columbia, SC 29204
5. CHESTERFIELD-MARLBORO TECHNICAL
   Cheraw, SC 29520
6. THE CITADEL
   Charleston, SC 29401
7. COLLEGE OF CHARLESTON
   Charleston, SC 29403
8. COLUMBIA COLLEGE
   Columbia, SC 29203
9. CONVERSE COLLEGE
   Spartanburg, SC 29301
10. DENMARK TECHNICAL COLLEGE
    Denmark, SC 29042
11. ERSKINE COLLEGE
    Due West, SC 29639
12. FLORENCE-DARLINGTON TECHNICAL
    Florence, SC 29501
13. FRANCIS MARION COLLEGE
    Florence, SC 29501
14. FURMAN UNIVERSITY
    Greenville, SC 29613
15. GREENVILLE TECHNICAL COLLEGE
    Greenville, SC 29606
16. HORRY-GEORGETOWN
    Conway, SC 29526
17. MORRIS COLLEGE
    Sumter, SC 29150
18. NEWBERRY COLLEGE
    Newberry, SC 29108
19. ORANGEBURG-CALHOUN
    Orangeburg, SC 29115
20. PRESBYTERIAN COLLEGE
    Clinton, SC 29325
21. SC STATE COLLEGE
    Orangeburg, SC 29117
22. SPARTANBURG TECHNICAL
    Spartanburg, SC 29303
23. TRIDENT TECHNICAL
    Charleston, SC 29411
24. USC-BEAUFORT
    Beaufort, SC 29902
25. USC-COASTAL CAROLINA
    Conway, SC 29526
26. USC-SPARTANBURG
    Spartanburg, SC 29303
27. USC-SUMTER
    Sumter, SC 29150
28. USC-UNION
    Union, SC 29379
29. VOORHEES COLLEGE
    Denmark, SC 29402
30. WINTHROP COLLEGE
    Rock Hill, SC 29733
31. YORK TECHNICAL COLLEGE
    Rock Hill, SC 29730

ATTACHMENT 10



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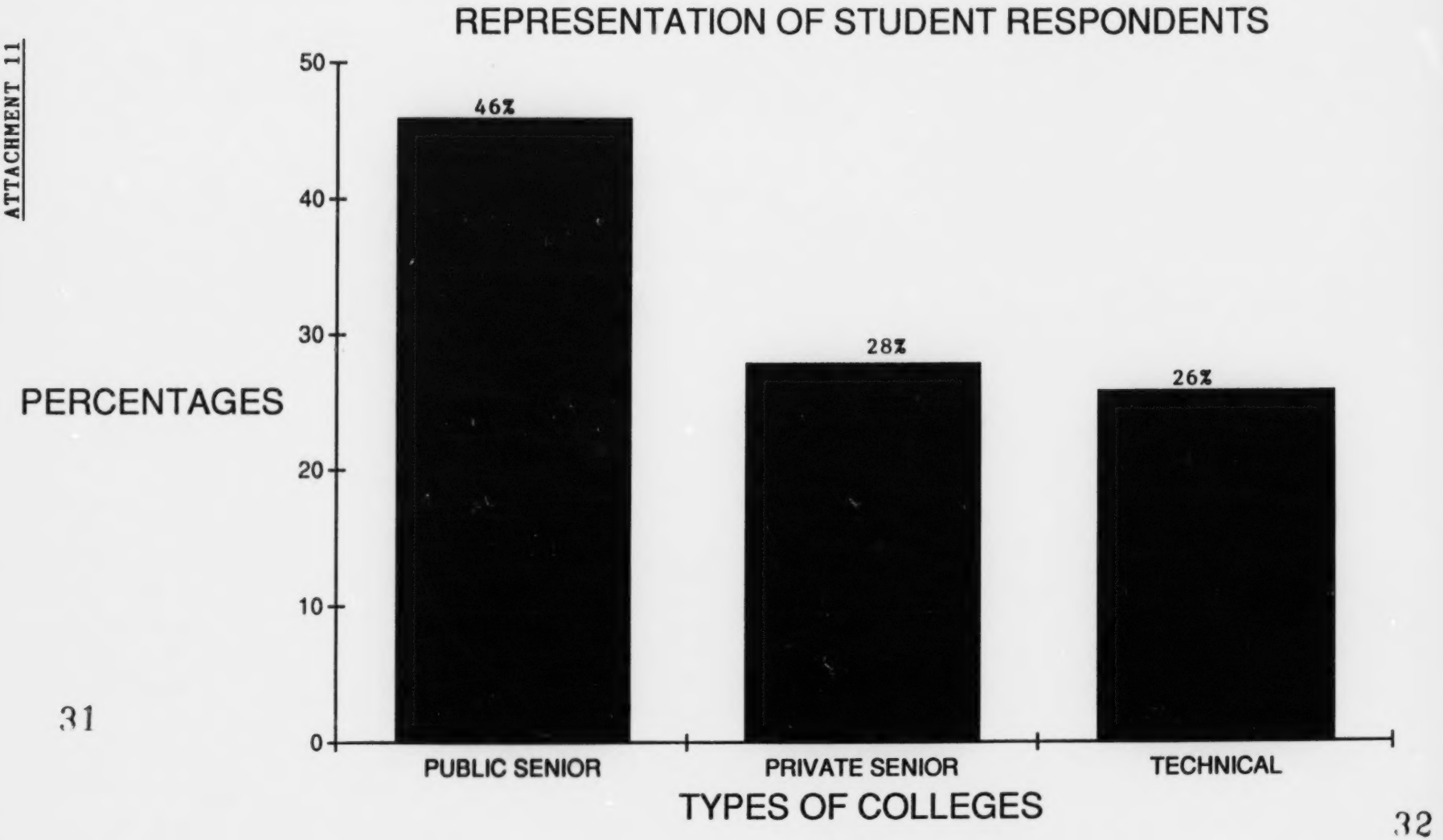

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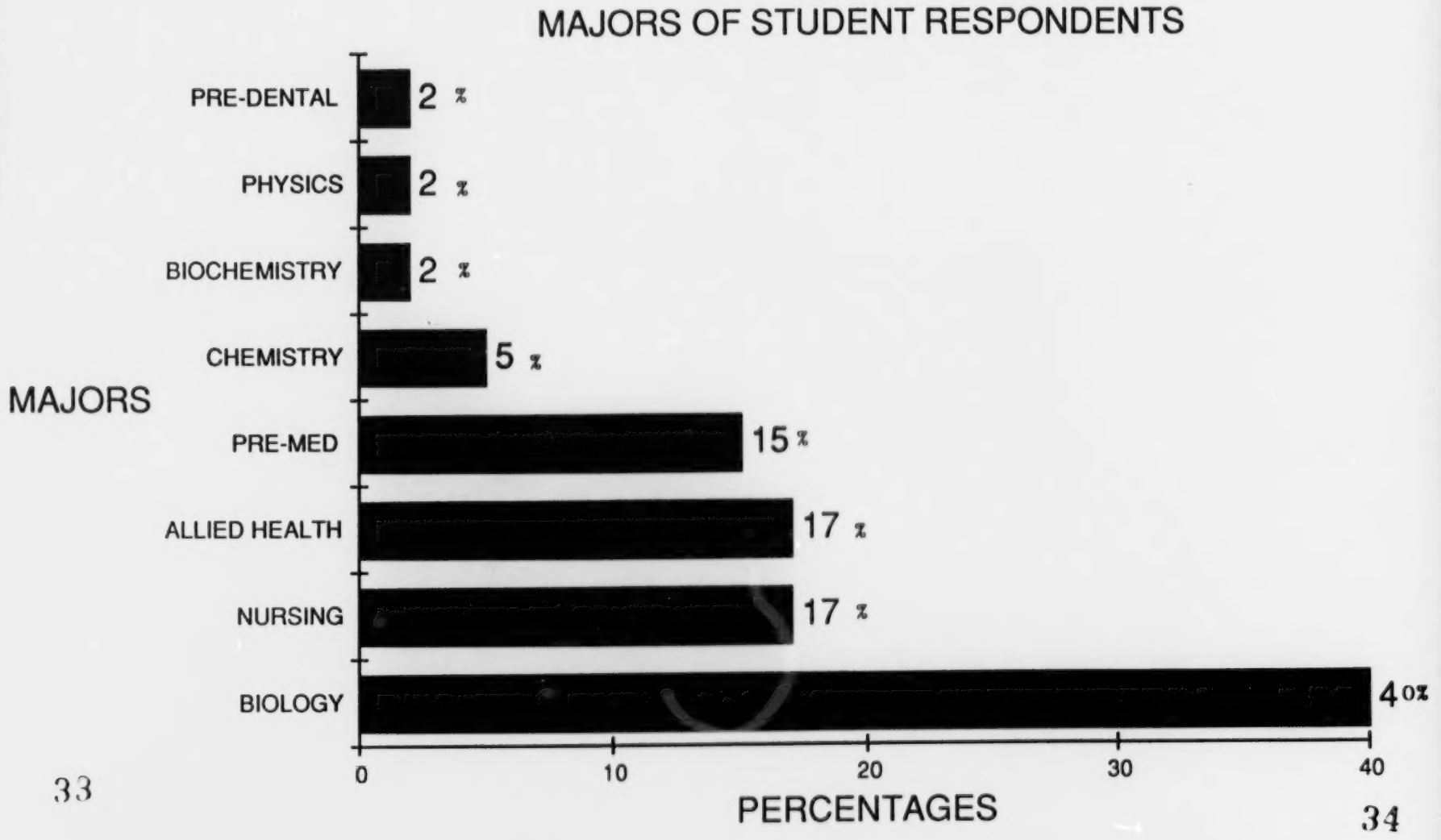

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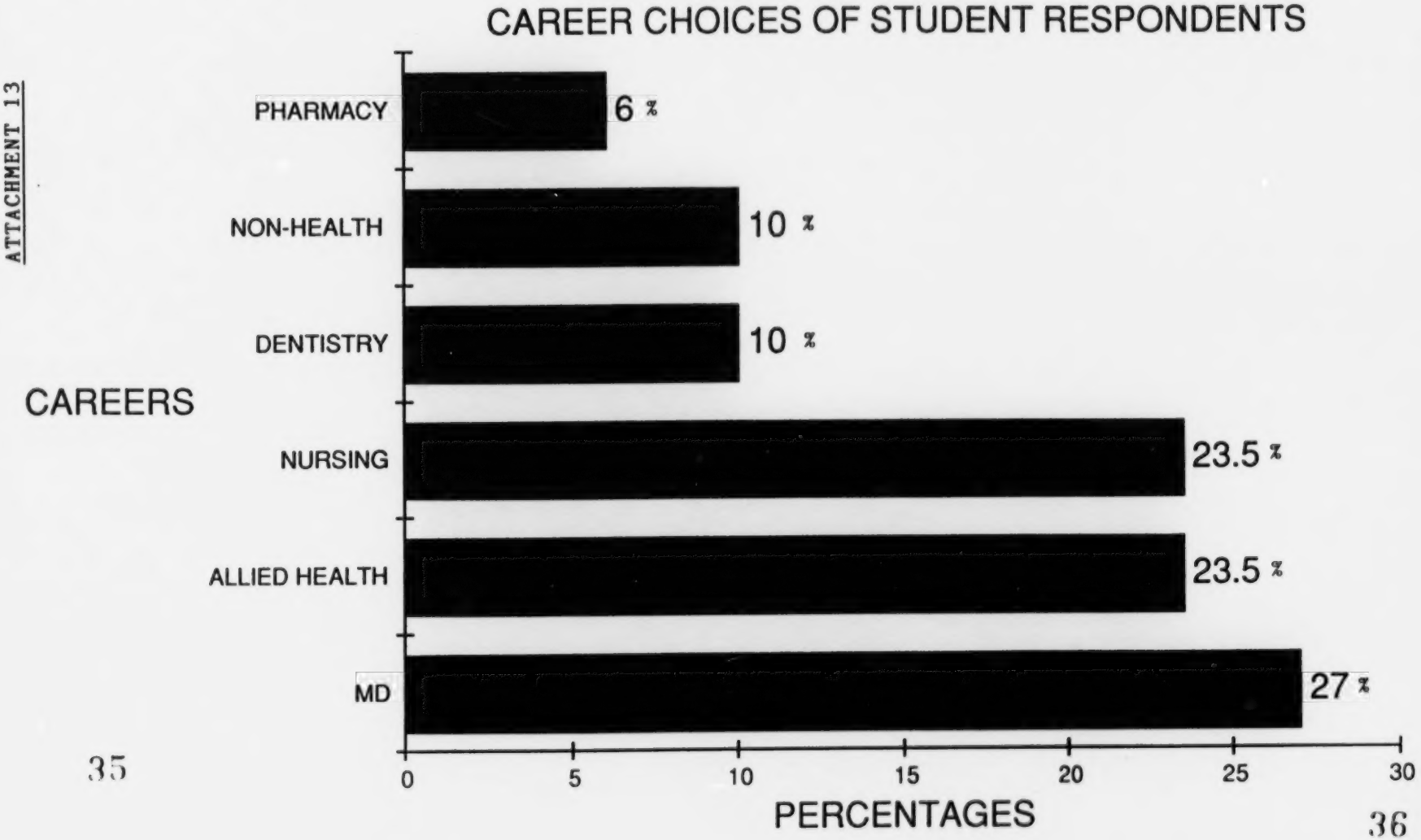

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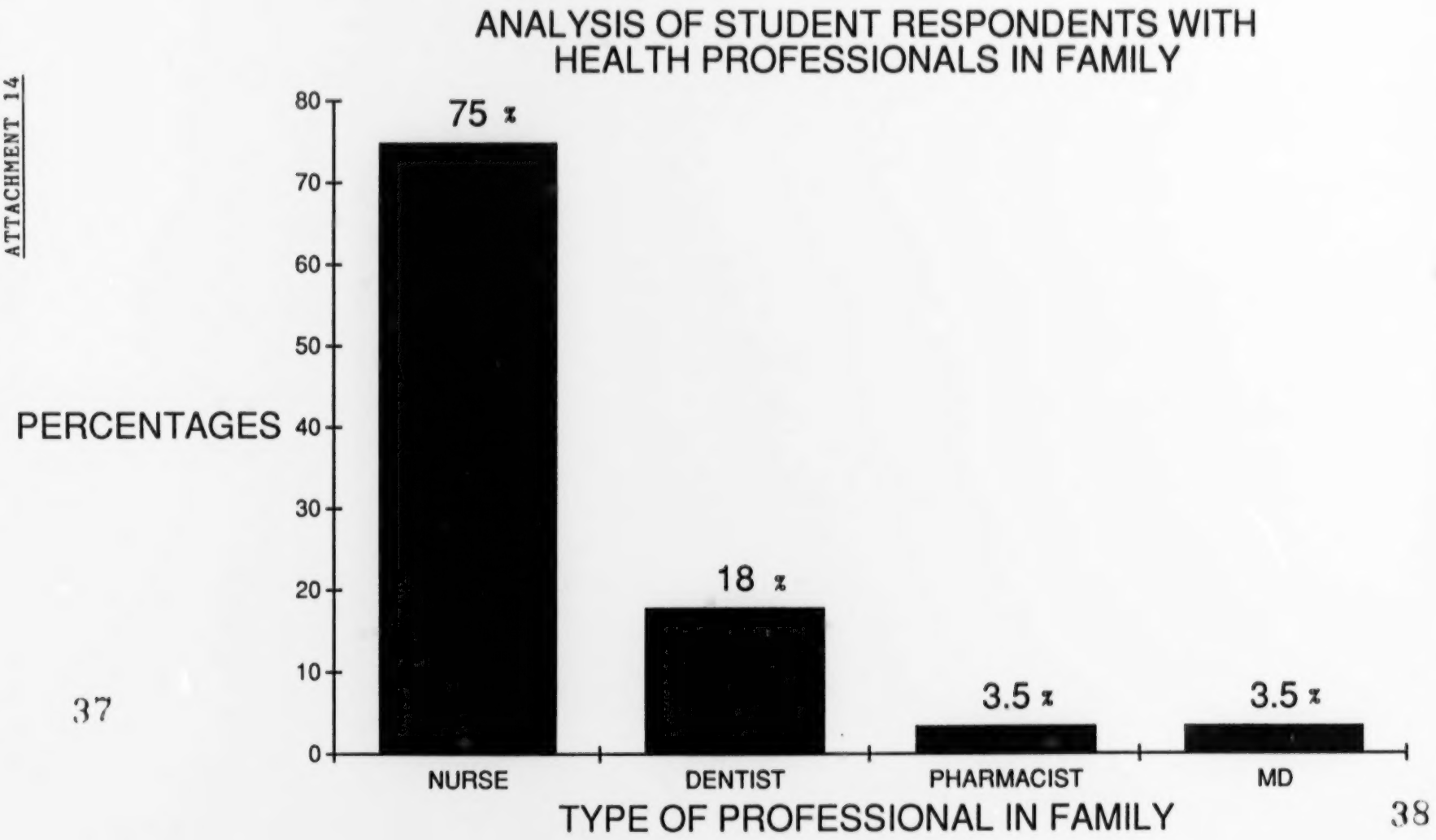

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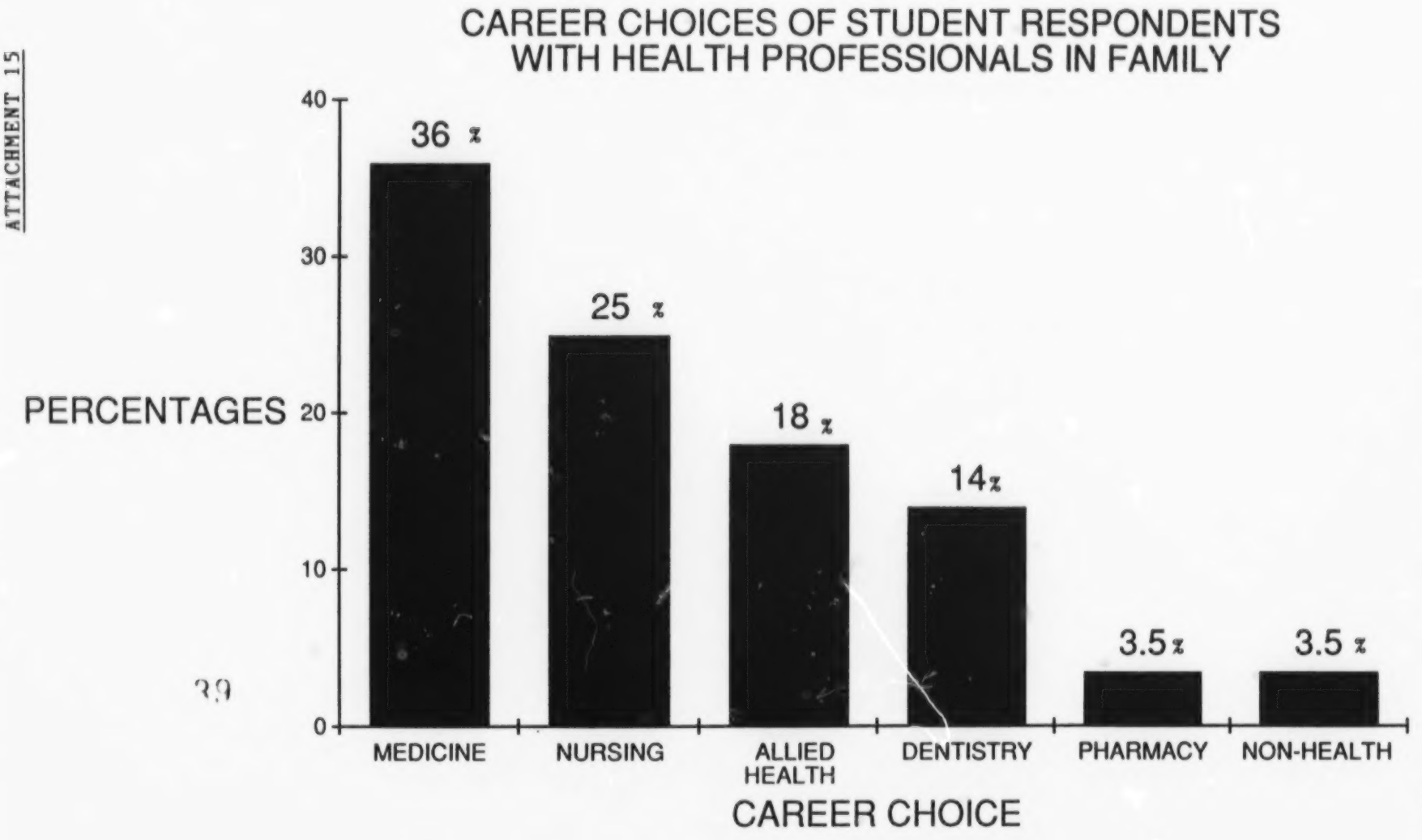

ACKNOWLEDGEMENTS

WE EXTEND OUR GRATITUDE AND PROFOUND APPRECIATION TO DR. WALTER FINGAR, DEAN, COLLEGE OF DENTAL MEDICINE, FOR HIS SUPPORT AND ENDORSEMENT OF OUR PROJECT; TO MS. VERONICA PARKER, SECOND YEAR GRADUATE STUDENT, DEPARTMENT OF BIOMETRY, FOR HER STATISTICAL AND COMPUTER ASSISTANCE; AND TO THE CENTER FOR THE STUDY OF THE BLACK EXPERIENCE IN HIGHER EDUCATION, CLEMSON UNIVERSITY, FOR ENDORSING OUR IDEAS AND FOR SUBSEQUENTLY FUNDING OUR PROJECT.

AUGET LARGIENDO
UNIV. MED.
CAR. AUS.
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